



Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
April 24, 2009

IDEM ID Number:
2009-067-02-BCB-A

Closing Date:
May 14, 2009

Corps of Engineers ID Number:
2009-00182-102

PUBLIC NOTICE

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

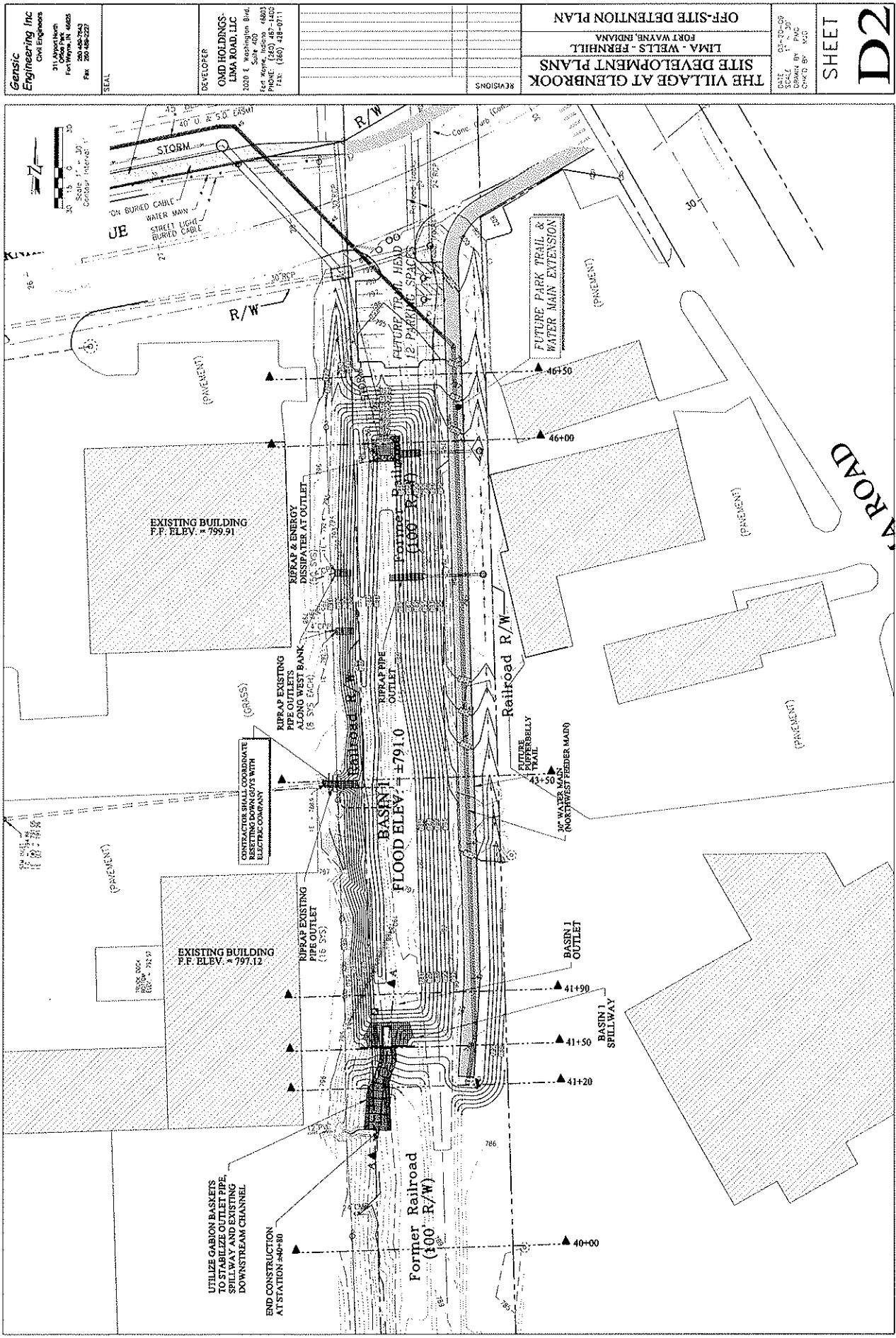
- | | | | |
|----------------------|---|------------------|---|
| 1. Applicant: | Mr. Craig Berndt
City of Fort Wayne
1 East Main Street, Room 480
Fort Wayne, IN 46802-1804 | 2. Agent: | Mr. Eric Ellingson
Earth Source, Inc.
14921 Hand Road
Fort Wayne, IN 46818 |
|----------------------|---|------------------|---|
- 3. Project location:** Section 26, Township 31 North, Range 12 East, Fort Wayne West U.S.G.S. Quad, Allen County
Directly south of Fernhill Avenue between Wells Street and Lima Road/US 27
- 4. Affected waterbody:** Unnamed Tributary to Spy Run Creek (abandoned ephemeral railroad side ditch)
- 5. Project Description:** As part of a Brownfield redevelopment project, the applicant proposes to impact approximately 243 linear feet of Unnamed Tributary to Spy Run Creek (abandoned ephemeral railroad side ditch) below the Ordinary High Water Mark (OHWM) for a detention basin that will allow the passage of low flow. The existing 60" inlet pipe will be extended approximately 70' toward the center of the detention basin resulting in 10 cubic yards (cys) of clean earthen fill below the OHWM. Additionally, 11 cys of clean earthen fill will be discharged below the OHWM for 80 linear feet for grading of the sidewalls of the basin. Approximately 93 linear feet of drain fill (12 cys) will occur below the OHWM at the outlet for the installation of an 18" outlet pipe, clean earthen fill, basin spillway and gabion baskets, which are needed to stabilize the outlet structure, spillway and existing downstream channel. Storm water quality will be addressed upstream prior to entering the drain in accordance with the City's MS4 storm water pollution prevention plan (SWPPP) requirements. The basin will be planted with a basic wetland mix. For additional information and plans, please visit the IDEM, Office of Water Quality, Section 401/Wetlands Public Notice Website at the following address: <http://www.in.gov/idem/4400.htm>

- Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.
- Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.
- Questions?** Additional information may be obtained from Mr. Brad Baldwin, Project Manager, at 317-234-5647. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

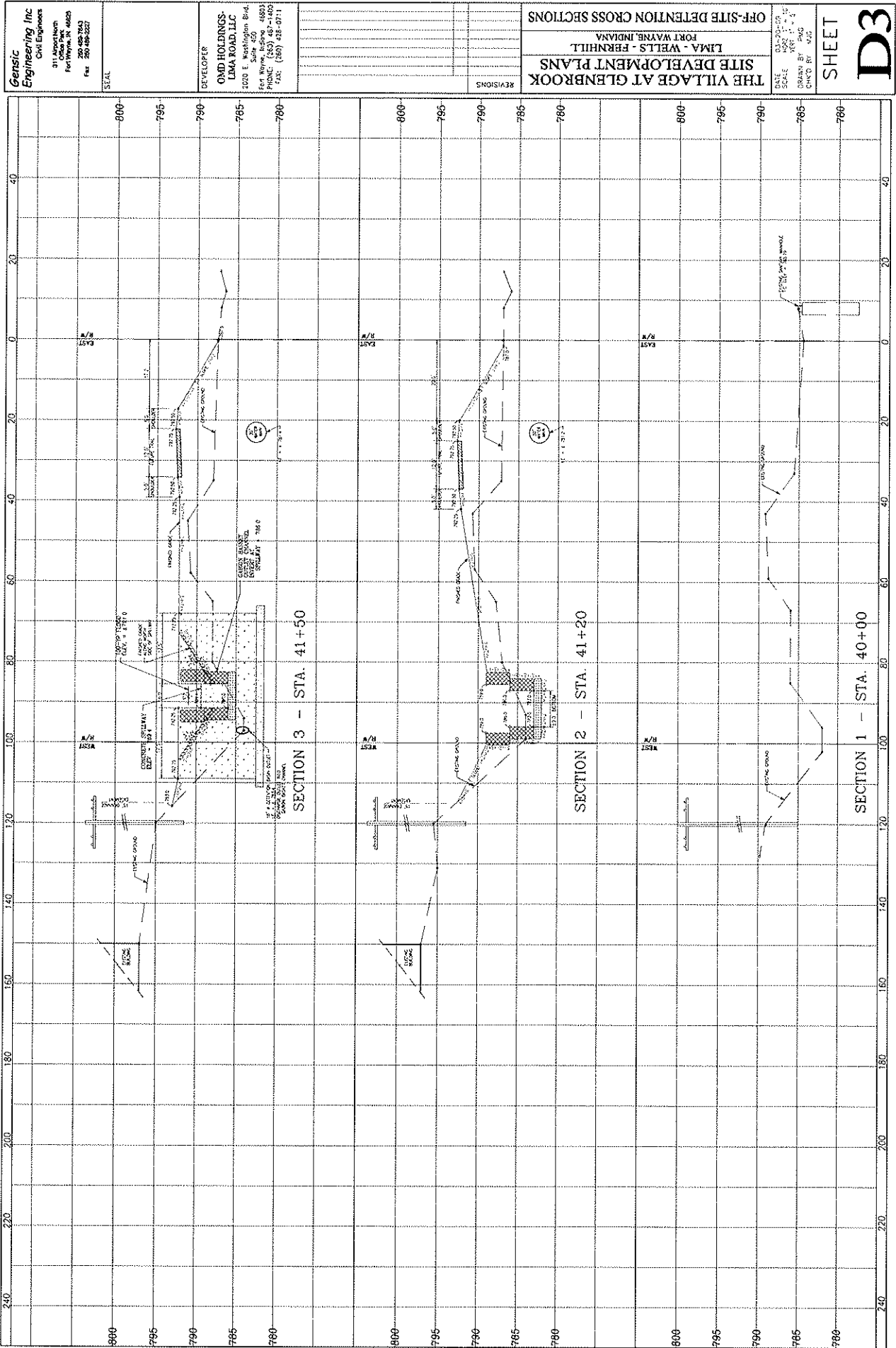
Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406

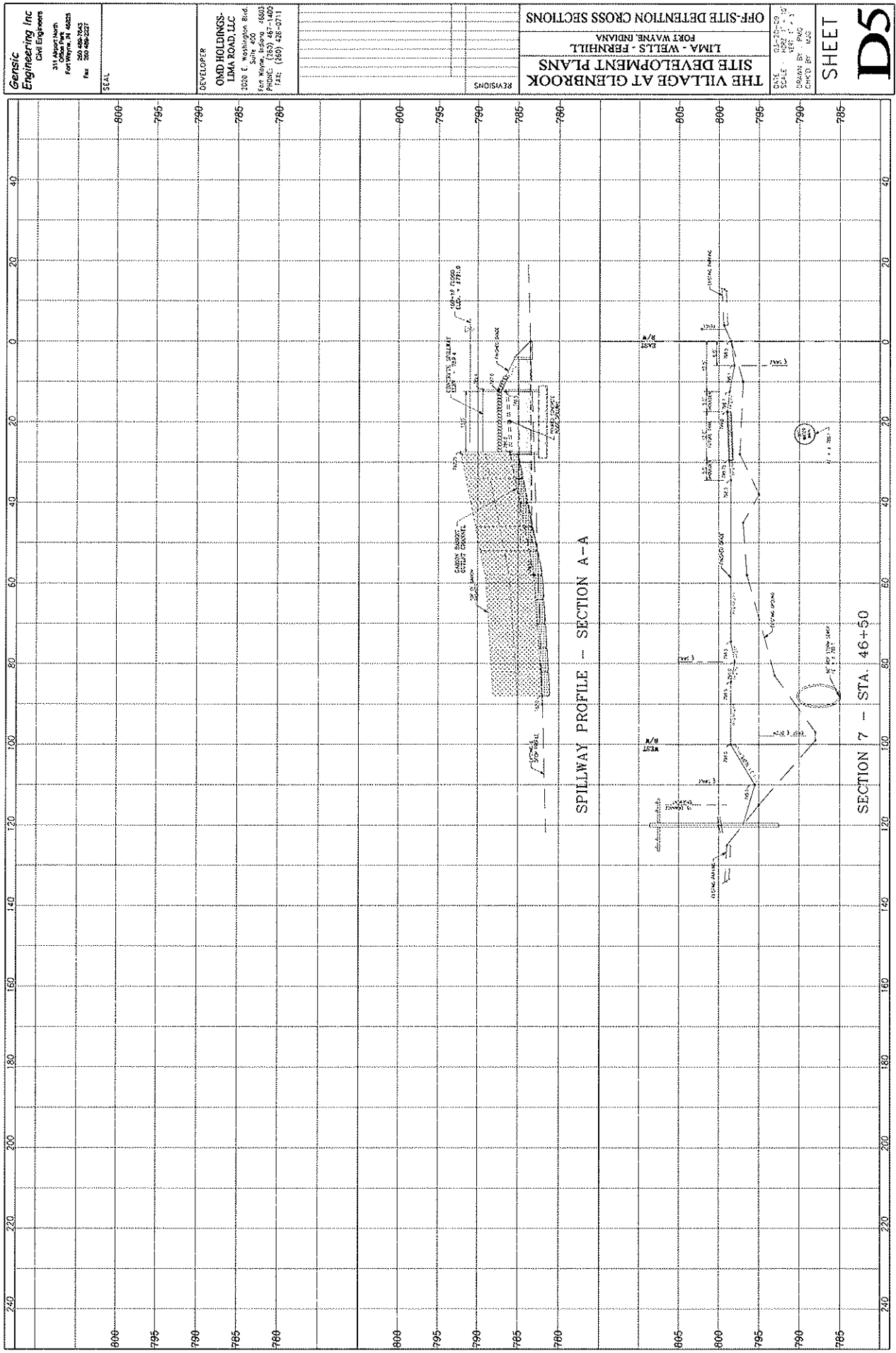


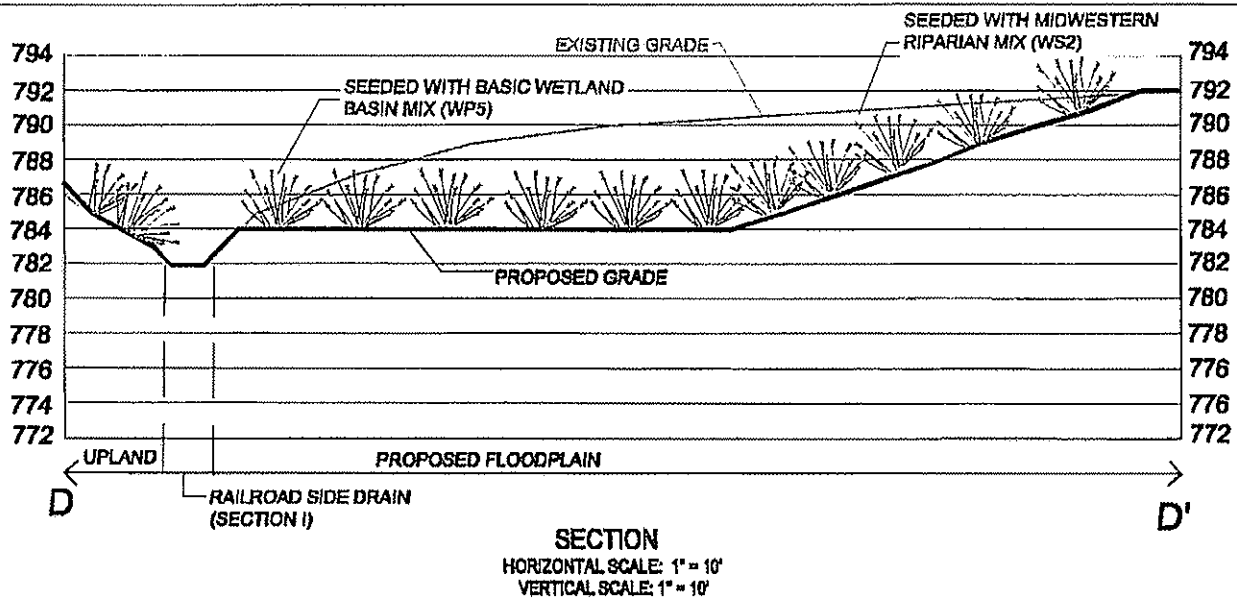
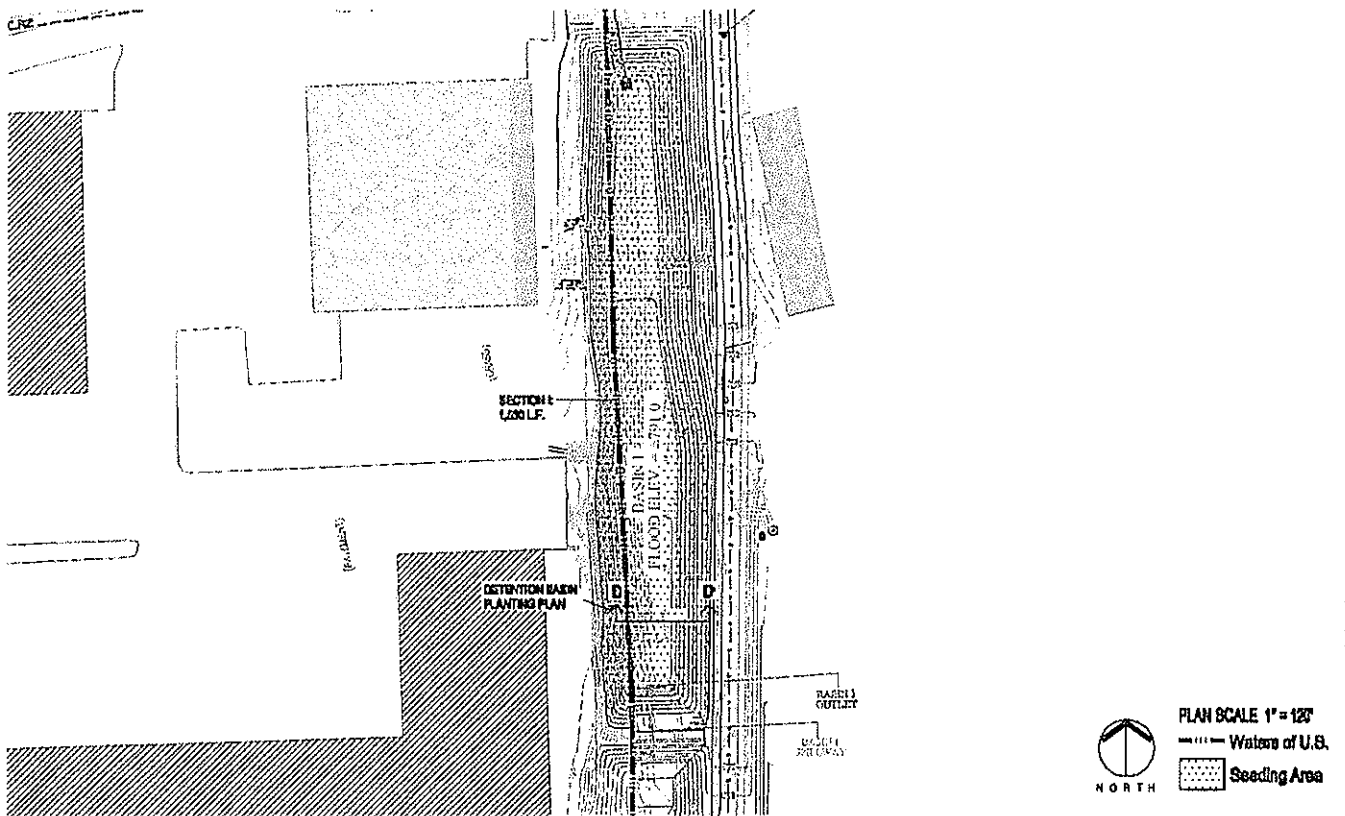
Project Name: Lima-Wells-Fernhill Project		PROJECT LOCATION MAP 0 2,000 ft 4,000 ft 		State: INDIANA	County: ALLEN	
Agent:				Township Name: WASHINGTON		
				Township:	Range:	Section:



Gensic Engineering Inc. Civil Engineers 311 Appleton Chicago, IL 60605 Phone: (773) 442-4400 Fax: (773) 442-4400	DEVELOPER QMD HOLDINGS-LIMA ROAD LLC 2020 E Washington Blvd. Suite 400 Fort Wayne, Indiana 46803 Phone: (317) 434-4400 Fax: (317) 434-4400	REVISIONS	THE VILLAGE AT GLENBROOK SITE DEVELOPMENT PLANS LIMA - WELLS - FERNHILL FORT WAYNE, INDIANA OFF-SITE DETENTION PLAN	SCALE: 1" = 20'-0" DRAWN BY: PNC CHECKED BY: MJD	SHEET D2
		SEAL	DATE: 11-11-2009		







Project Name: Lima-Wells-Fernhill Project

Agent:

Earth Source Inc

14921 Hand Road, Fort Wayne, IN 46818
(260) 469-8511 Fax (260) 489-8507

**DETENTION BASIN
PLANTING PLAN & CROSS-SECTION**

Applicant:

City of Fort Wayne
Development Services
1 East Main Street, Room 480
Fort Wayne, IN 46802-1804

State: INDIANA		County: ALLEN
Township Name: WASHINGTON		
Township: T31N	Range: R12E	Section: 28
Credentialed: FORT WAYNE WEST (IN)		
Latitude/Longitude (NAD 27): 41° 08' 37.31" N, 85° 08' 40.98" W		
Date: 03-20-2009	Attachment: L12	

D-4

**SECTION 401/404 PERMIT APPLICATION
CITY OF FORT WAYNE: LIMA WELLS FERNHILL PROJECT**

DETENTION BASIN PLANTING PLAN

Responsible Parties

The City of Fort Wayne, Indiana shall be responsible for contracting with the appropriate restoration contractors to ensure success of the native vegetation seeding.

Planting Plan

Seeding will occur immediately, and without delay, following the construction of the detention basin. Attachment graphic L12 indicate the extent of the proposed seeded area.

In preparation for seeding, the contractor will prepare the seedbed by disking and/or culti-mulching the basin bottom and side slopes. The seed will be applied following seedbed preparation in late spring or early summer, until June 30th. The methods of seed application may include (in order of preference) drilling with a Rangeland-type grass seed drill; broadcasting by hand or dropped from a dropseeder followed by incorporation by culti-packing; or hydroseeding using a trace amount of fiber mulch in solution. Between July 1 and September 15, seed may be applied in the above manner provided that the site is irrigated by sprinkling to ensure proper germination and establishment. Between September 16 and freeze-up, seed may be applied as in the spring. After freeze-up, seed may only be applied by drilling with a Rangeland-type grass seed drill.

Seed Mixes:

Basic Wetland Basin Mix (WP5)

Approximate mix weight/acre 53 LBS with 108 native seeds/sq.ft.
26.5% Grasses/Sedges/Rushes, 15.2% Forbs, 58.3% Temporary Cover Grasses

This mix is intended for sites where soil conditions are unstable and hydrologic conditions fluctuate irregularly. The mix is designed for application in sites with a high disturbance regime such as urban wetlands and detention basins that draw down frequently. This mix contains a large percentage of salt-tolerant, native species adapted to irregular water fluctuations associated with urban stormwater runoff. This mix contains a large percentage of 'non-conservative native species and is designed to act as the first wave of vegetation on disturbed sites or where budgetary constraints may apply.

Scientific Name	Common Name	Indicator status	Habit
Grasses/Sedges/Rushes			
<i>Carex frankii</i>	Frank's Sedge	OBL	PNEGL
<i>Carex stipata</i>	Stalk Grain Sedge	OBL	PNEGL
<i>Carex vulpinoidea</i>	Fox Sedge	OBL	PNEGL
<i>Eleocharis palustris</i>	Creeping Spikerush	OBL	PNEGL
<i>Juncus effusus</i>	Soft Rush	OBL	PNEGL
<i>Leersia oryzoides</i>	Rice Cut Grass	OBL	PNG
<i>Panicum virgatum</i>	Switch Grass	FAC+	PNG
<i>Scirpus atrovirens</i>	Dark Green Bulrush	OBL	PNEGL

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Earth Source, Inc. 14921 Hand Road, Fort Wayne, Indiana 46818 (260) 489-8511 FAX (260) 489-8607
landscape architecture • land planning • wetland science & ecological services
native seed nursery • ecological restoration • management

ENCLOSURE D-1

**SECTION 401/404 PERMIT APPLICATION
CITY OF FORT WAYNE: LIMA WELLS FERNHILL PROJECT**

<i>Scirpus cyperinus</i>	Woolgrass	OBL	PNEGL
<i>Scirpus validus</i>	Softstem Bulrush	OBL	PNEGL

Forbs

<i>Alisma subcordatum</i>	Water Plantain	OBL	PNEF
<i>Asclepias incarnata</i>	Marsh Milkweed	OBL	PNF
<i>Bidens cernua</i>	Nodding Bur Marigold	OBL	ANF
<i>Ludwigia alternifolia</i>	Bushy Seedbox	OBL	PNEF
<i>Lycopus americanus</i>	American Bugleweed	OBL	PNF
<i>Penthorum sedoides</i>	Ditch Stonecrop	OBL	PNF
<i>Senna hebecarpa</i>	Wild Senna	FACW	PNF
<i>Silphium perfoliatum</i>	Cup Plant	FACW-	PNF
<i>Verbena hastata</i>	Blue Vervain	FACW+	PNF
<i>Vernonia gigantea</i>	Tall Ironweed	FAC	PNF

Temporary Cover Grasses

<i>Agrostis alba</i>	Redtop	FACW	PIG
<i>Agrostis alba palustris</i>	Creeping Bent Grass	FACW	PNG
<i>Avena sativa</i>	Seed Oats	FACU*	AIG

Midwestern Riparian Mix (WS2)

Approximate mix weight/acre 73 LBS, with 46 native seeds/sq.ft.
13.9% Grasses/Sedges/Rushes, 5.4% Forbs, 80.7% Temporary Cover Grasses

This mix is intended for application on areas of forested to non-forested floodplains, ditches and stream banks. This mix contains species that tolerate sun and shade and are adapted to conditions of frequent, short duration flooding. This mix contains a heavy component of temporary cover grasses for rapid soil stabilization.

Scientific Name	Common Name	Indicator status	Habit
Grasses/Sedges/Rushes			
<i>Carex frankii</i>	Frank's Sedge	OBL	PNEGL
<i>Carex muskingumensis</i>	Palm Sedge	OBL	PNGL
<i>Carex normalis</i>	Spreading Oval Sedge	FACW	PNGL
<i>Carex squarrosa</i>	Squarrose Sedge	OBL	PNGL
<i>Carex vulpinoidea</i>	Fox Sedge	OBL	PNEGL
<i>Cinna arundinacea</i>	Common Wood Reed	FACW	PNG
<i>Elymus canadensis</i>	Canada Wild Rye	FAC-	PNG
<i>Elymus riparius</i>	Riverbank Wild Rye	FACW	PNG
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW-	PNG
<i>Glyceria striata</i>	Fowl Manna Grass	OBL	PNEG
<i>Leersia oryzoides</i>	Rice Cut Grass	OBL	PNG
<i>Panicum virgatum</i>	Switch Grass	FAC+	PNG
<i>Scirpus atrovirens</i>	Dark Green Bulrush	OBL	PNEGL
<i>Scirpus pendulus</i>	Drooping Bulrush	OBL	PNEGL
Forbs			
<i>Aster novae-angliae</i>	New England Aster	FACW	PNF
<i>Bidens cernua</i>	Nodding Bur Marigold	OBL	ANF
<i>Eupatorium purpureum</i>	Purple Joe Pye Weed	FAC	PNF
<i>Eupatorium rugosum</i>	White Snakeroot	FACU	PNF
<i>Heliopsis helianthoides</i>	False Sunflower	[UPL]	PNF
<i>Lysimachia ciliata</i>	Fringed Loosestrife	FACW	PNF

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<i>Rudbeckia laciniata</i>	Cut-leaf Coneflower	FACW+	PNF
<i>Rudbeckia triloba</i>	Brown-eyed Susan	FAC-	PNF
<i>Silphium perfoliatum</i>	Cup Plant	FACW-	PNF
<i>Verbesina alternifolia</i>	Wingstem	FACW	PNF
<i>Vernonia gigantea</i>	Tall Ironweed	FAC	PNF
<i>Zizia aurea</i>	Golden Alexanders	FAC+	PNF

Temporary Cover Grasses

<i>Agrostis alba</i>	Redtop	FACW	PIG
<i>Agrostis alba palustris</i>	Creeping Bent Grass	FACW	PNG
<i>Avena sativa</i>	Seed Oats	FACU*	AIG
<i>Lolium multiflorum</i>	Annual Rye Grass	UPL	

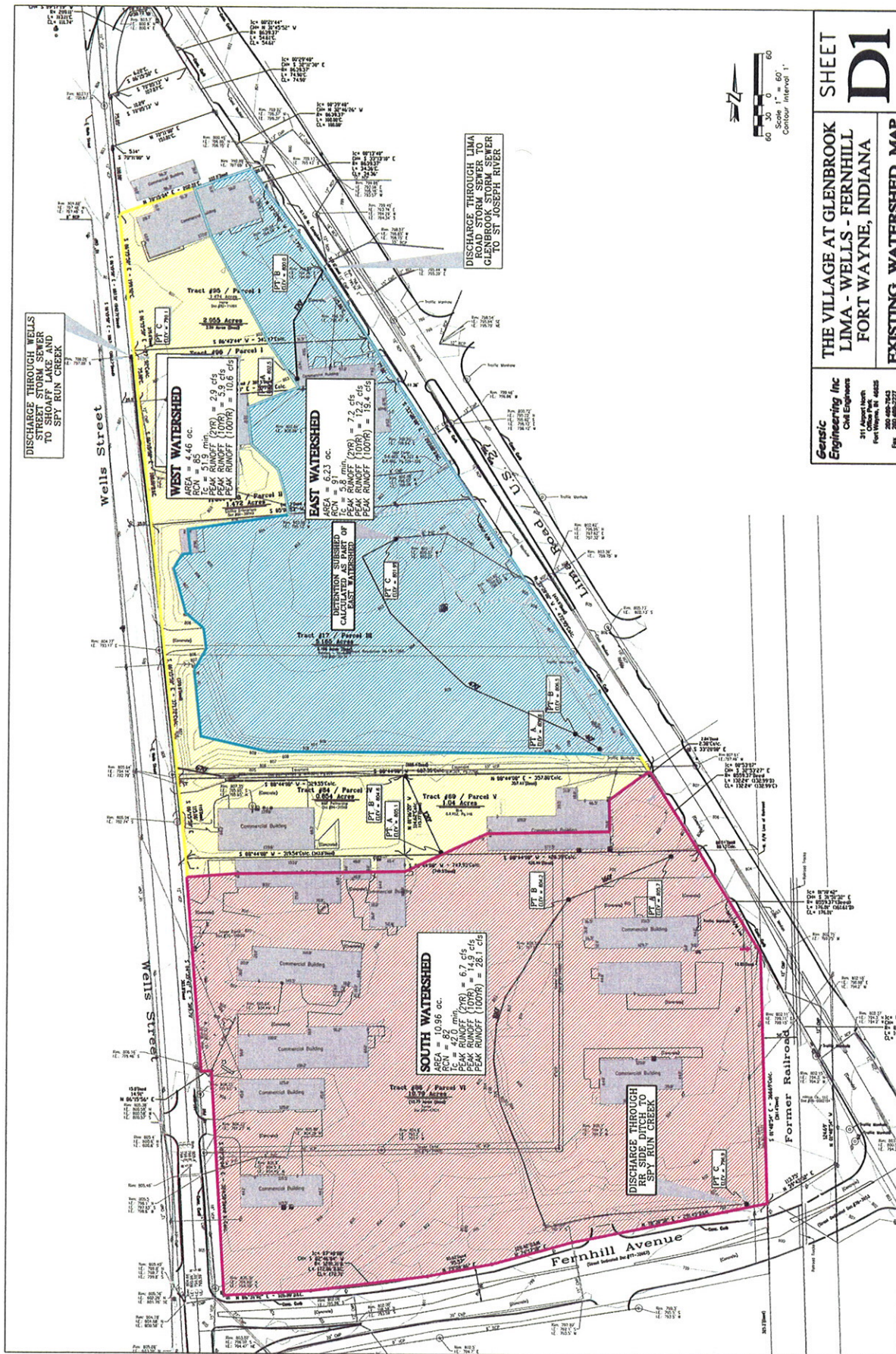
Schedule

The seeding work shall begin immediately upon completion of the detention basin along Section I drain and shall proceed as follows:

1. Place/maintain all temporary sediment fencing.
2. Relocate excess fill to an appropriate upland site.
3. Perform seeding as specified.
4. Remove temporary sediment fence after all disturbed areas have been successfully re-vegetated.

Irrigation Plan

No irrigation system is planned. However, should seeding occur during the summer seeding window, the contractor should irrigate the mitigation area as needed to enhance seed germination and establishment. The contractor may remove excess water from the detention basin area, should conditions warrant, in order to provide acceptable working and/or growing conditions.

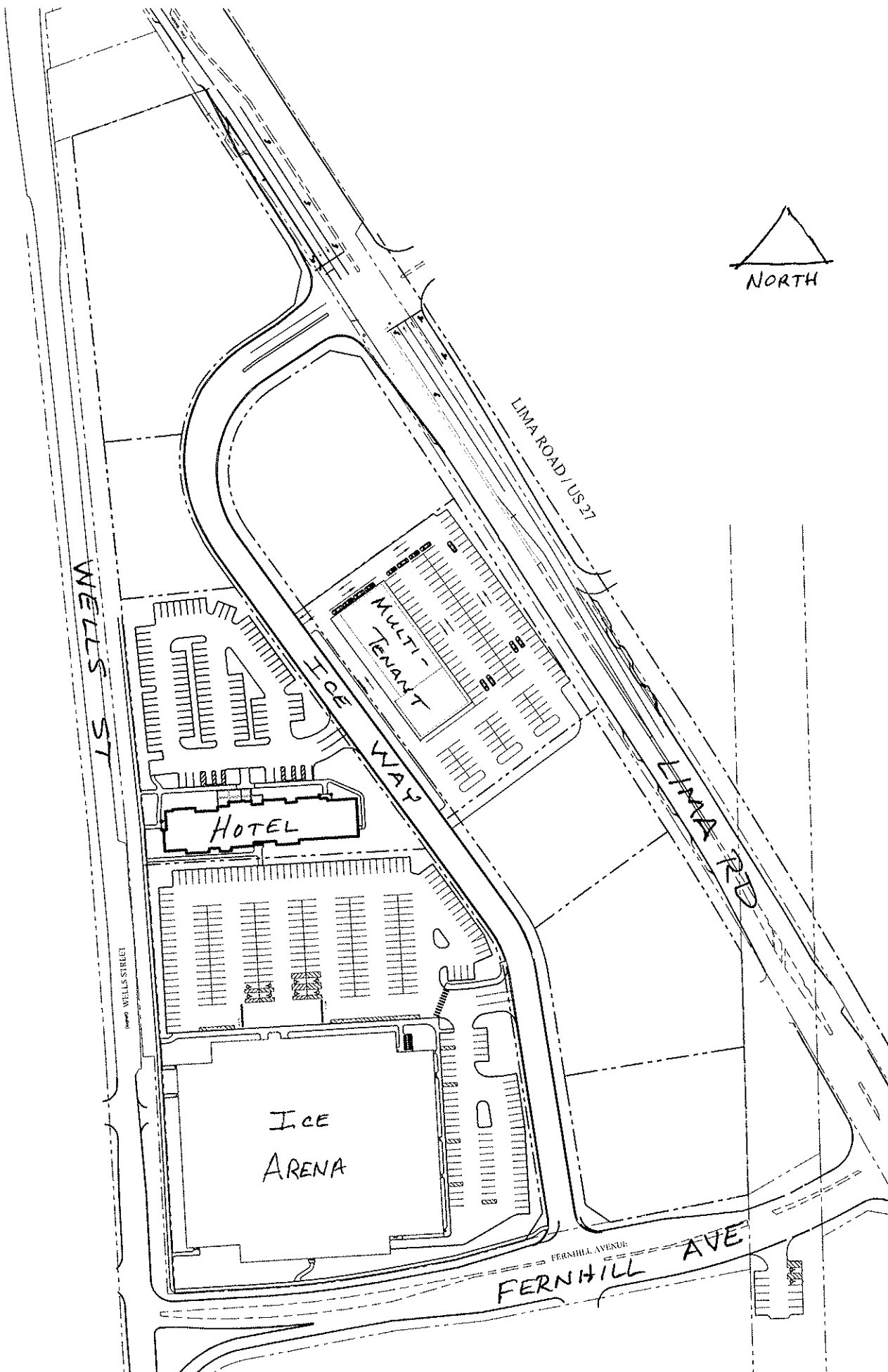


GENSLIC ENGINEERING, INC.
 Civil Engineers
 311 Airport North
 Office Phone 466-2255
 Fax 260-466-2257

**THE VILLAGE AT GLENBROOK
 LIMA - WELLS - FERNHILL
 FORT WAYNE, INDIANA**

SHEET D1

EXISTING WATERSHED MAP



ENCLOSURE B



GENERAL NOTES:

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THE APPROPRIATE MAP ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

1-800-368-5844
1-800-491-5100